

How to solve bugs quickly

How good it would be if I only knew the secret to solve every bug! Well, the secret is all about "information". After all, if you knew enough about the bug, you would have already solved it, right?

So, it must all be about that magic word! First, you should get more information you can from the customer, from the logs, from your colleagues. You should find which other behaviour generate the bug and which doesn't, so that you know more about the context and the scope.

When you debug, what you are doing again? You are simply getting more information. When you "divide et impera", you are still getting information about the part of the code that is causing the issue. When you do static analysis of the code, you are still doing the same.

When you write loads of data in your debugging logs, including the stack trace... hell! you know damn well you will need it!

When you have no clue, there is still something you can do: anything will provide you with more information. You are certainly on the right track!

Don't speculate too much, you want facts! If a bug is taking too long, ask yourself: what else can I do to know more about it? The more you know about the bug, the weaker it will become.

Can you see the kind of mindset? Can you see the short way out of the darkness? Simply, pretend more information, everywhere... surround your enemy...

He will surrender.